



EXPLANATION

- Gulfco Marine Maintenance Site Boundary (approximate)
- Shallow (0-2 ft) Soil Sample
- ▲ Shallow (0-2 ft) and Deep (4+ ft) Soil Sample
- ⊠ Geotechnical Soil Boring

Notes:
1. Data Qualifiers: J = Estimated value.
J- = Estimated value, biased low.
2. BGS = below ground surface.

Depth (ft BGS)	Chemical of Interest	Conc. (mg/Kg)
0-0.5	Iron	102,000
0-0.5	Lead	471

Depth (ft BGS)	Chemical of Interest	Conc. (mg/Kg)
1.5-2.0	Benzo(a)pyrene	0.939

Depth (ft BGS)	Chemical of Interest	Conc. (mg/Kg)
1-2	1,2,3-Trichloropropane	0.168
1-2	Trichloroethene	0.537
4-5	1,2,3-Trichloropropane	0.0472
4-5	Trichloroethene	0.29J

Depth (ft BGS)	Chemical of Interest	Conc. (mg/Kg)
5-6	Aroclor-1254	6.35J

Depth (ft BGS)	Chemical of Interest	Conc. (mg/Kg)
5-6	Arsenic	8.95

Depth (ft BGS)	Chemical of Interest	Conc. (mg/Kg)
3-4	Iron	128,000
3-4	Lead	630

Depth (ft BGS)	Chemical of Interest	Conc. (mg/Kg)
0-0.5	Benzo(a)pyrene	1.42J
0-0.5	Dibenz(a,h)anthracene	0.404J-



Approx. Scale in Feet

0 60 120

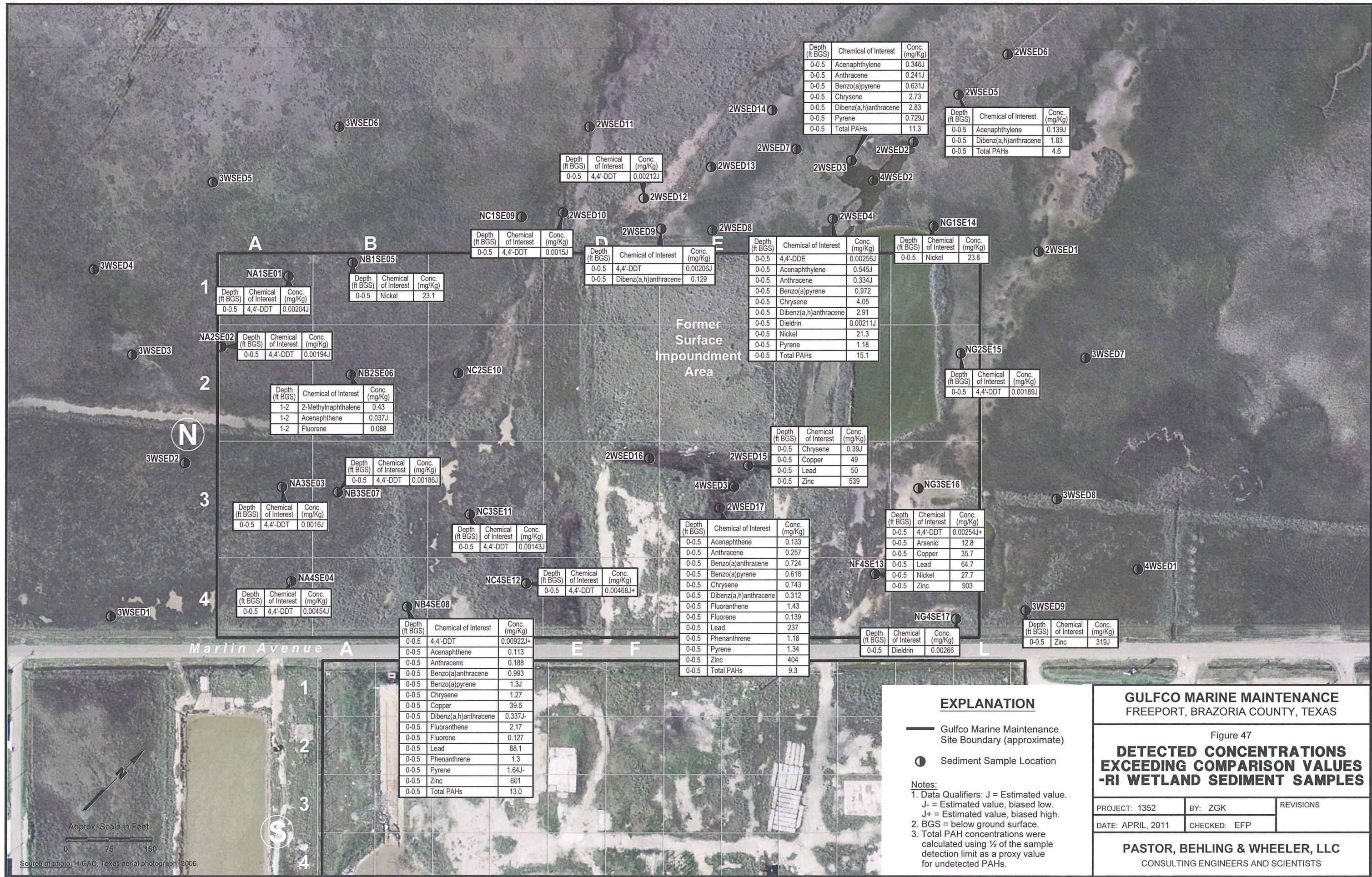
Source of photo: H-GAC, Texas aerial photograph, 2006.

GULFCO MARINE MAINTENANCE
FREEPORT, BRAZORIA COUNTY, TEXAS

Figure 46
**DETECTED CONCENTRATIONS
EXCEEDING VERTICAL
COMPARISON VALUES
- NORTH AREA RI SOIL SAMPLES**

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Chemical of Interest	Conc. (mg/L)
Acrolein	0.00929J
Dissolved Copper	0.011J
Total Mercury	0.00004J

Chemical of Interest	Conc. (mg/L)
Dissolved Copper	0.0053J
Dissolved Mercury	0.00011J
Total Mercury	0.00007J

Chemical of Interest	Conc. (mg/L)
Dissolved Copper	0.0068J
Total Manganese	0.34
Dissolved Manganese	0.33

EXPLANATION

- GulfcO Marine Maintenance Site Boundary (approximate)
- Wetland Surface Water Sample Location

Note:
Data Qualifier: J = Estimated value.



Approx. Scale in Feet



Source of photo: H-GAC, Texas aerial photograph, 2006.

GULFCO MARINE MAINTENANCE
FREEPORT, BRAZORIA COUNTY, TEXAS

Figure 48
**DETECTED CONCENTRATIONS
EXCEEDING COMPARISON VALUES
- RI WETLAND SURFACE
WATER SAMPLES**

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